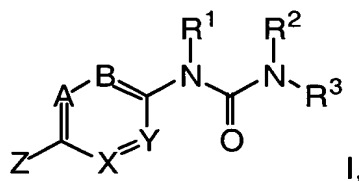


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This listing of claims will replace all prior versions, and listings, of claims in the application (note that amendments are highlighted in **bold**):

Listing of Claims:

1. (previously presented) A compound of Formula I:

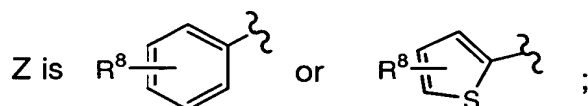


or a pharmaceutically acceptable salt and/or hydrate of said compound, or where applicable, a geometric or optical isomer or racemic mixture thereof,

wherein

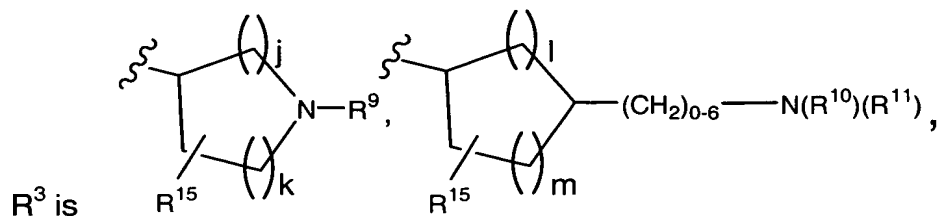
=A-B= is =N-C(R⁵)= and -X=Y- is -N=C(R⁷)-, or

=A-B= is =C(R⁴)-N= and -X=Y- is -C(R⁶)=N-,

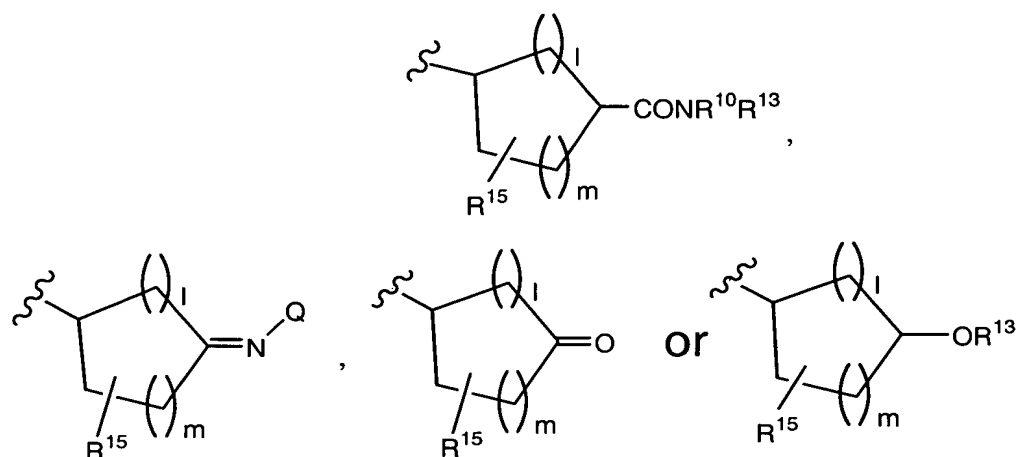


R¹ is H or -(C₁-C₆)alkyl;

R² is H, -(C₁-C₆)alkyl, -(C₃-C₇)cycloalkyl or -(C₁-C₆)alkyl(C₃-C₇)cycloalkyl;



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Q is $-\text{OR}^{13}$, or $-\text{NR}^{13}\text{R}^{14}$;

j is 1 or 2;

k is 0, 1 or 2;

l is 0, 1 or 2;

m is 0, 1 or 2;

R^4 , R^5 , R^6 and R^7 may be the same or different, and are independently selected from the group consisting of H, -OH, halogen, polyhaloalkyl, $-(\text{C}_1-\text{C}_6)\text{alkyl}$, $-(\text{C}_3-\text{C}_7)\text{cycloalkyl}$, $-(\text{C}_1-\text{C}_6)\text{alkyl}(\text{C}_3-\text{C}_7)\text{cycloalkyl}$, -CN, $\text{NR}^{10}\text{R}^{11}$, $\text{NR}^{13}\text{R}^{14}$, $-\text{O}(\text{C}_1-\text{C}_6)\text{alkyl}$, $-\text{O}(\text{C}_3-\text{C}_7)\text{cycloalkyl}$, $-\text{O}(\text{C}_1-\text{C}_6)\text{alkyl}(\text{C}_3-\text{C}_7)\text{cycloalkyl}$, $-\text{S}(\text{C}_1-\text{C}_6)\text{alkyl}$, $-\text{S}(\text{C}_3-\text{C}_7)\text{cycloalkyl}$ and $-\text{S}(\text{C}_1-\text{C}_6)\text{alkyl}(\text{C}_3-\text{C}_7)\text{cycloalkyl}$;

R^8 is 1 to 3 substituents, which may be the same or different, and are independently selected from the group consisting of H, halogen, -OH, polyhaloalkyl, polyhaloalkoxy, -CN, $-\text{NO}_2$, $-(\text{C}_1-\text{C}_6)\text{alkyl}$, $-(\text{C}_3-\text{C}_7)\text{cycloalkyl}$, $-(\text{C}_1-\text{C}_6)\text{alkyl}(\text{C}_3-\text{C}_7)\text{cycloalkyl}$, $\text{NR}^{10}\text{R}^{11}$, $\text{NR}^{13}\text{R}^{14}$, $-\text{O}(\text{C}_1-\text{C}_6)\text{alkyl}$, $-\text{O}(\text{C}_3-\text{C}_7)\text{cycloalkyl}$, $-\text{O}(\text{C}_1-\text{C}_6)\text{alkyl}(\text{C}_3-\text{C}_7)\text{cycloalkyl}$ and $-\text{CONR}^{13}\text{R}^{14}$;

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R^9 is $-\text{SO}_2(\text{C}_1\text{-C}_6)\text{alkyl}$, $-\text{SO}_2(\text{C}_3\text{-C}_7)\text{cycloalkyl}$, $-\text{SO}_2(\text{C}_1\text{-C}_6)\text{alkyl}(\text{C}_3\text{-C}_7)\text{cycloalkyl}$, $-\text{SO}_2(\text{C}_1\text{-C}_6)\text{polyhaloalkyl}$, $-\text{SO}_2[\text{hydroxy}(\text{C}_2\text{-C}_6)\text{alkyl}]$, $-\text{SO}_2[\text{amino}(\text{C}_2\text{-C}_6)\text{alkyl}]$, $-\text{SO}_2[\text{alkoxy}(\text{C}_2\text{-C}_6)\text{alkyl}]$, $-\text{SO}_2[\text{alkylamino}(\text{C}_2\text{-C}_6)\text{alkyl}]$, $-\text{SO}_2[\text{dialkylamino}(\text{C}_2\text{-C}_6)\text{alkyl}]$, $-\text{SO}_2(\text{aryl})$, $-\text{SO}_2(\text{heteroaryl})$, $-\text{SO}_2[\text{aryl}(\text{C}_1\text{-C}_6)\text{alkyl}]$, $-\text{SO}_2\text{NR}^{13}\text{R}^{14}$, $-\text{CO}(\text{C}_1\text{-C}_6)\text{alkyl}$, $-\text{CO}(\text{C}_3\text{-C}_7)\text{cycloalkyl}$, $-\text{CO}(\text{C}_1\text{-C}_6)\text{alkyl}(\text{C}_3\text{-C}_7)\text{cycloalkyl}$, $\text{CO}(\text{C}_1\text{-C}_6)\text{polyhaloalkyl}$, $-\text{C}(\text{O})\text{aryl}$, $-\text{C}(\text{O})\text{heteroaryl}$, $-\text{CONR}^{13}\text{R}^{14}$, $-\text{C}(\text{S})\text{NR}^{13}\text{R}^{14}$, aryl , heteroaryl , $-(\text{CH}_2)\text{CONR}^{13}\text{R}^{14}$, $-\text{C}(=\text{NCN})\text{alkylthio}$, $-\text{C}(=\text{NCN})\text{NR}^{13}\text{R}^{14}$, $-(\text{C}_1\text{-C}_6)\text{alkyl}$, $-(\text{C}_3\text{-C}_7)\text{cycloalkyl}$, $-(\text{C}_1\text{-C}_6)\text{alkyl}(\text{C}_3\text{-C}_7)\text{cycloalkyl}$, $-(\text{C}_1\text{-C}_6)\text{alkylaryl}$, $-(\text{C}_1\text{-C}_6)\text{alkylheteroaryl}$ or $-\text{COOR}^{12}$;

R^{10} is H or alkyl;

R^{11} is H, $-(\text{C}_1\text{-C}_6)\text{alkyl}$, $-(\text{C}_3\text{-C}_7)\text{cycloalkyl}$, $-(\text{C}_1\text{-C}_6)\text{alkyl}(\text{C}_3\text{-C}_7)\text{cycloalkyl}$, aryl , heteroaryl , $-\text{SO}_2(\text{C}_1\text{-C}_6)\text{alkyl}$, $-\text{SO}_2(\text{C}_3\text{-C}_7)\text{cycloalkyl}$, $-\text{SO}_2(\text{C}_1\text{-C}_6)\text{alkyl}(\text{C}_3\text{-C}_7)\text{cycloalkyl}$, $-\text{SO}_2(\text{C}_1\text{-C}_6)\text{polyhaloalkyl}$, $-\text{SO}_2(\text{aryl})$, $-\text{SO}_2(\text{heteroaryl})$, $-\text{CO}(\text{C}_1\text{-C}_6)\text{alkyl}$, $-\text{CO}(\text{C}_3\text{-C}_7)\text{cycloalkyl}$, $-\text{CO}(\text{C}_1\text{-C}_6)\text{alkyl}(\text{C}_3\text{-C}_7)\text{cycloalkyl}$, $-\text{C}(\text{O})\text{aryl}$, $-\text{C}(\text{O})\text{heteroaryl}$, $-\text{CONR}^{13}\text{R}^{14}$ or $-\text{COOR}^{12}$;

R^{12} is $(\text{C}_1\text{-C}_6)\text{alkyl}$, $(\text{C}_3\text{-C}_7)\text{cycloalkyl}$, $(\text{C}_1\text{-C}_6)\text{alkyl}(\text{C}_3\text{-C}_7)\text{cycloalkyl}$, $-(\text{C}_1\text{-C}_6)\text{alkylaryl}$, $-(\text{C}_1\text{-C}_6)\text{alkylheteroaryl}$, aryl or heteroaryl ;

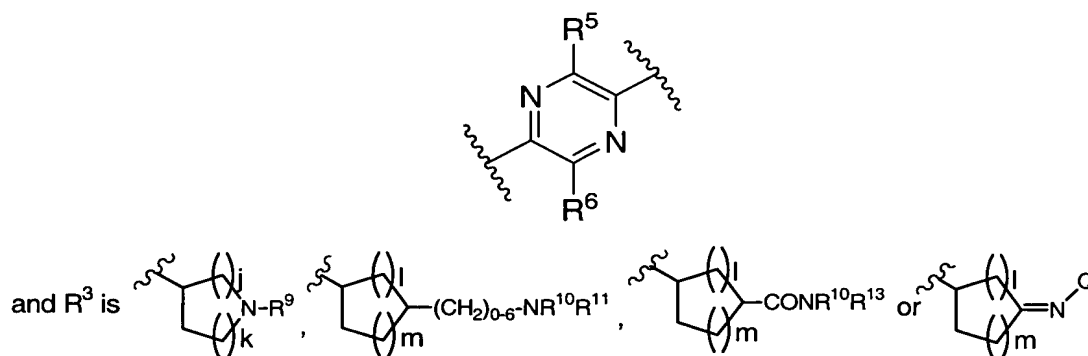
R^{13} and R^{14} may be the same or different and are independently H, $-(\text{C}_1\text{-C}_6)\text{alkyl}$, $-(\text{C}_3\text{-C}_7)\text{cycloalkyl}$, $-(\text{C}_1\text{-C}_6)\text{alkyl}(\text{C}_3\text{-C}_7)\text{cycloalkyl}$, $-(\text{C}_1\text{-C}_6)\text{alkylaryl}$, aryl or heteroaryl ; and,

R^{15} is one or two substituents, which may be the same or different, and are independently H, $-(\text{C}_1\text{-C}_6)\text{alkyl}$, $-(\text{C}_3\text{-C}_7)\text{cycloalkyl}$, $-(\text{C}_1\text{-C}_6)\text{alkyl}(\text{C}_3\text{-C}_7)\text{cycloalkyl}$, aryl , heteroaryl , $-\text{CN}$, $-\text{CONR}^{13}\text{R}^{14}$, $-\text{COOR}^{13}$, $-\text{OH}$, $-\text{O}(\text{C}_1\text{-C}_6)\text{alkyl}$, $-\text{O}(\text{C}_3\text{-C}_7)\text{cycloalkyl}$, $-\text{O}(\text{C}_1\text{-C}_6)\text{alkyl}(\text{C}_3\text{-C}_7)\text{cycloalkyl}$,

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-NR¹⁰R¹¹, -NR¹³R¹⁴, or a -(C₁-C₆)alkyl group substituted by an aryl, heteroaryl, hydroxy, alkoxy, -NR¹⁰R¹¹, -NR¹³R¹⁴, -CONR¹³R¹⁴, or -COOR¹³ group, provided that a chemically stable compound results from substitution by R¹⁵.

2. (previously presented) A compound as defined in Claim 1 wherein the heterocyclic group attached to Z is



3. (previously presented) A compound as defined in Claim 2 wherein
 R¹ is hydrogen,
 R² is hydrogen or (C₁-C₆)alkyl,
 R⁵ and R⁶ are hydrogen or halogen,
 R⁸ is 1 to 3 substituents, which may be the same or different, and are independently selected from the group consisting of H, halogen, -O(C₁-C₆)alkyl, -OH, polyhaloalkyl and polyhaloalkoxy,
 R⁹ is -SO₂(C₁-C₆)alkyl, -SO₂(C₃-C₇)cycloalkyl, -SO₂(C₁-C₆)alkyl(C₃-C₇)cycloalkyl, -SO₂aryl, -SO₂heteroaryl, -SO₂NR¹³R¹⁴, -CO(C₁-C₆)alkyl, -CO(C₃-C₇)cycloalkyl, -CO(C₁-C₆)alkyl(C₃-C₇)cycloalkyl, -C(O)aryl, -C(O)heteroaryl, aryl, heteroaryl,
 R¹⁰ is H or -(C₁-C₆)alkyl,

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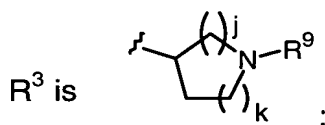
R^{11} is $-\text{SO}_2(\text{C}_1\text{-C}_6)\text{alkyl}$, Q is $-\text{OR}^{13}$ or $-\text{NR}^{13}\text{R}^{14}$;

R^{13} and R^{14} may be the same or different, and are independently H or $-(\text{C}_1\text{-C}_6)\text{alkyl}$;

the sum of j and k is 2 or 3; and,

the sum of l and m is 2 or 3.

4. (original) A compound as defined in Claim 3 wherein

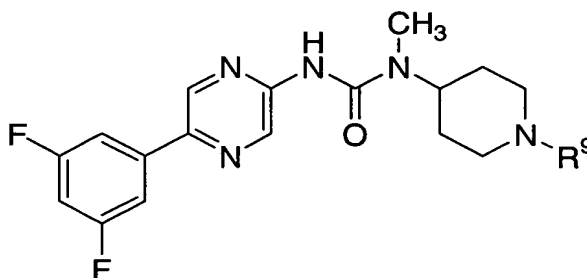


R^9 is $-\text{SO}_2(\text{C}_1\text{-C}_6)\text{alkyl}$, $-\text{SO}_2(\text{C}_3\text{-C}_7)\text{cycloalkyl}$, $-\text{SO}_2\text{aryl}$, $-\text{SO}_2\text{heteroaryl}$, $-\text{CO}(\text{C}_1\text{-C}_6)\text{alkyl}$, $-\text{CO}(\text{C}_3\text{-C}_7)\text{cycloalkyl}$, $-\text{CO}(\text{C}_1\text{-C}_6)\text{alkyl}(\text{C}_3\text{-C}_7)\text{cycloalkyl}$, $-\text{C}(\text{O})\text{aryl}$, $-\text{C}(\text{O})\text{heteroaryl}$, aryl, or heteroaryl, and

the sum of j and k is 2 or 3.

Claims 5-11 (canceled)

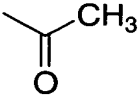
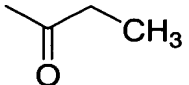
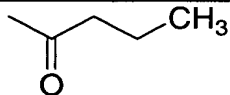
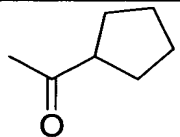
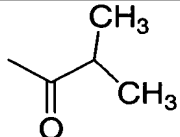
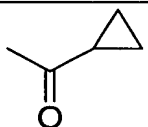
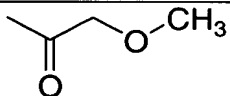
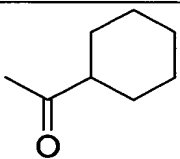
12. (previously presented) The compound as defined in Claim 1 of the formula



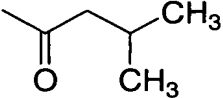
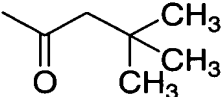
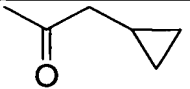
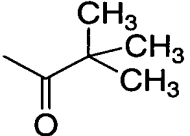
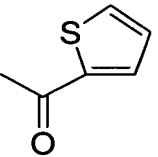
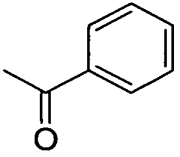
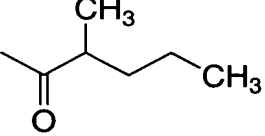
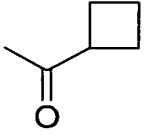
or a pharmaceutically acceptable salt and/or hydrate of said compound, or where applicable, a geometric or optical isomer or racemic mixture thereof,

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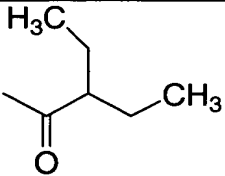
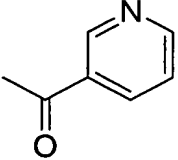
wherein R⁹ is as shown in the table below:

	R ⁹
0	
0A	
0B	
0C	
0D	
0E	
0F	
0G	

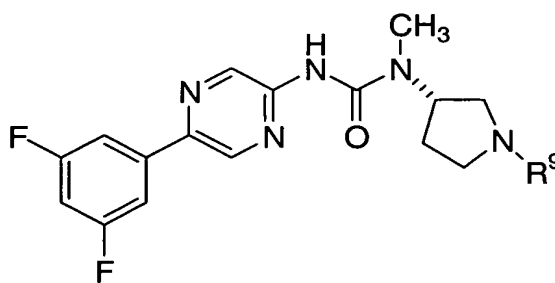
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	R ⁹
OH	 <chem>CC(=O)CC(C)C</chem>
OI	 <chem>CC(=O)CC(C)(C)C</chem>
OJ	 <chem>CC(=O)CC1CC1</chem>
OK	 <chem>CC(=O)C(C)(C)CC</chem>
OL	 <chem>CC(=O)C1=CC=C(S1)C</chem>
OM	 <chem>CC(=O)c1ccccc1</chem>
ON	 <chem>CC(=O)C(C)CCC</chem>
OO	 <chem>CC(=O)C1CCC1</chem>

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	R^9
0P	
0Q	
0W	$-\text{SO}_2\text{CH}_3$

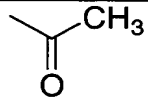
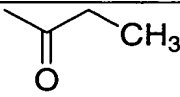
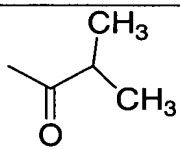
13. (previously presented) The compound as defined in Claim 1 of the formula



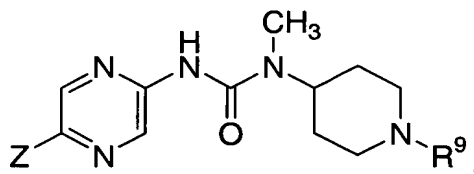
or a pharmaceutically acceptable salt and/or hydrate of said compound, or
 where applicable, a geometric or optical isomer or racemic mixture thereof,
 wherein R^9 is as shown in the table below:

	R^9
0S	$-\text{SO}_2\text{CH}_3$

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	R^9
OT	
OU	
OV	

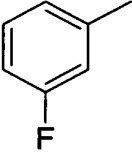
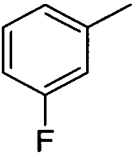
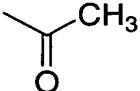
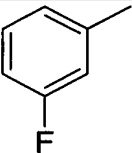
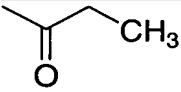
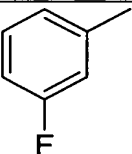
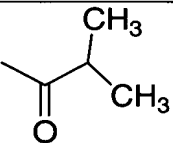
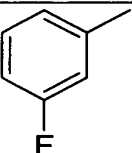
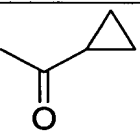
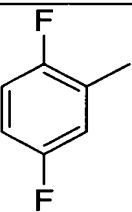
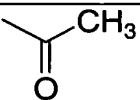
14. (previously presented) The compound as defined in Claim 1 of the formula



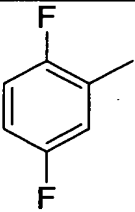
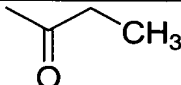
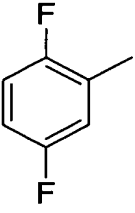
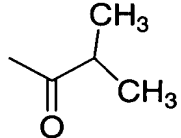
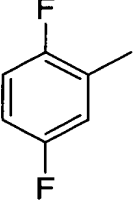
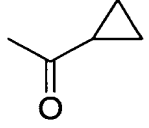
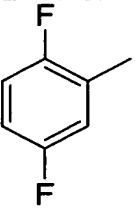
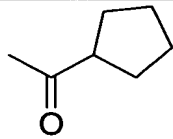
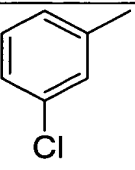
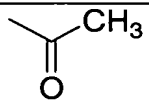
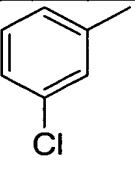
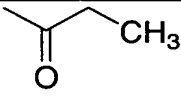
or a pharmaceutically acceptable salt and/or hydrate of said compound, or where applicable, a geometric or optical isomer or racemic mixture thereof,

wherein Z and R^9 are as shown in the table below:

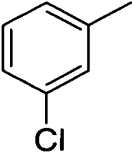
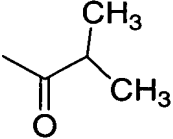
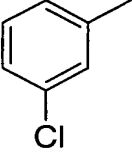
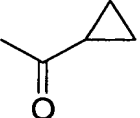
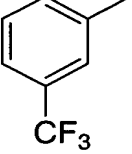
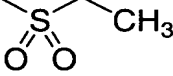
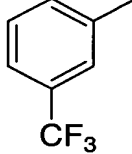
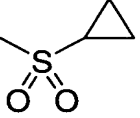
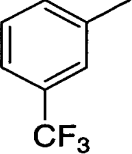
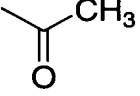
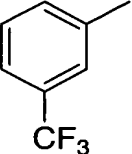
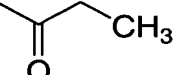
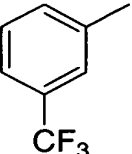
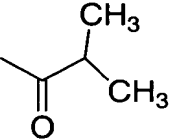
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	Z	R ⁹
0X		$-\text{SO}_2\text{CH}_3$
0Y		
0Z		
0AA		
0BB		
0CC		

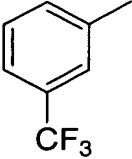
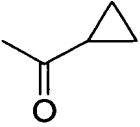
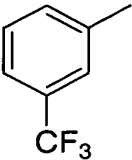
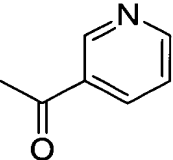
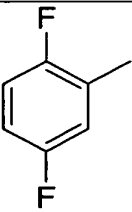
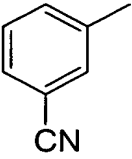
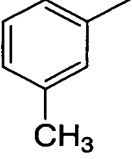
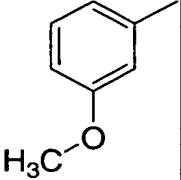
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	Z	R ⁹
ODD		
OEE		
OFF		
OGG		
0HH		
0II		

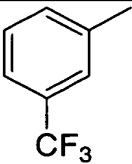
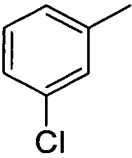
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	Z	R ⁹
0JJ		
0KK		
0LL		
0MM		
0NN		
0OO		
0PP		

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	Z	R ⁹
0QQ		
0RR		
1		-SO ₂ CH ₃
1A		-SO ₂ CH ₃
1B		-SO ₂ CH ₃
1C		-SO ₂ CH ₃

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	Z	R ⁹
1D		-SO ₂ CH ₃
1E		-SO ₂ CH ₃

Claims 15-20 (canceled)

21. (original) A pharmaceutical composition which comprises an effective amount of a compound as defined in Claim 1 and a pharmaceutically acceptable carrier therefor.

22. (currently amended) A method of treating eating ~~and metabolic~~ disorders, obesity and disorders related to obesity comprising administering to a mammal in need of such treatment a therapeutically effective amount of a compound of Claim or a pharmaceutically acceptable salt of said compound.

23. (original) The method of Claim 22 wherein said eating disorder is hyperphagia.

Claim 24 (cancelled)

25. (previously presented) A method of treating disorders associated with obesity comprising administering to a mammal in need of such treatment a

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therapeutically effective amount of a compound of Claim 1 or a pharmaceutically acceptable salt of said compound.

26. (original) The method of Claim 25 wherein said disorders associated with obesity are type II diabetes, insulin resistance, hyperlipidemia and hypertension.

27. (previously presented) A pharmaceutical composition which comprises a therapeutically effective amount of a composition comprising

a first compound, said first compound being a compound of claim 1, or a pharmaceutically acceptable salt of said compound;

a second compound, said second compound being a β_3 agonist, a thyromimetic agent, an eating behavior modifying agent or an NPY antagonist; and

a pharmaceutically acceptable carrier therefor.

28. (previously presented) A method of treating an eating disorder which comprises administering to a mammal in need of such treatment

an amount of a first compound, said first compound being a compound of claim 1, or a pharmaceutically acceptable salt of said compound;

a second compound, said second compound being a β_3 agonist, a thyromimetic agent, an eating behavior modifying agent or an NPY antagonist;

wherein the amounts of the first and second compounds result in a therapeutic effect.

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29. (previously presented) A pharmaceutical composition which comprises a therapeutically effective amount of a composition comprising

a first compound, said first compound being a compound of claim 1, or a pharmaceutically acceptable salt of said compound;

a second compound, said second compound being an aldose reductase inhibitor, a glycogen phosphorylase inhibitor, a sorbitol dehydrogenase inhibitor, insulin, metformin, acarbose, a thiazolidinedione such as troglitazone or rezulin; a glitazone such as rosiglitazone or pioglitazone; a sulfonylurea, glipazide, glyburide, or chlorpropamide; and

a pharmaceutically acceptable carrier therefor.

Claim 30 (canceled)

31. (original) A process for making a pharmaceutical composition comprising combining a compound of Claim 1 and a pharmaceutically acceptable carrier.